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IN THE CLAIMS

Please replace all claims in the instant application with the listing below as follows:

1. (Previously Presented) A lifting sling, said lifting sling comprising:

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a plurality of core fibers forming a sling body, said sling body is load bearing; and

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a coating, said coating is at least an isocyanate mixed with an amine forming polyurea, said coating is sprayed onto said plurality of core fibers, said coating is applied in patterns of varying thicknesses and locations along length of said sling body, initial layer of said coating seals said plurality of core fibers from exposure to contaminates, additional layers of said coating are applied in areas of said sling body subject to high crush and shear forces increasing said coating thickness and shear strength, preventing said plurality of core fibers and said coating damage during use of said lifting sling, and achieving operational properties that extend suitability for use of said coating and said plurality of core fibers, a final splatter layer of said coating is applied along said sling body creating a rugged textured non-slip grip exterior surface.

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2. (Previously Presented) The lifting sling in accordance with claim 1, wherein said coating is selected from the group consisting of a polyurea elastomer, or a hybrid polyurethane – polyurea elastomer.

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- 3. (Previously Presented) The lifting sling in accordance with claim 1, wherein said
- 2 coating has an operational temperature range of -40 to 175 degrees Celsius.

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3 1 4. (Previously Presented) The lifting sling in accordance with claim 1, wherein said 2 coating has a tensile strength in the range of up to 6,500 pounds per square inch, an elongation range of up to 300 percent, and a tear resistance in the range of up to 600 3 4 pounds per linear inch. 5 1 5. (Previously Presented) The lifting sling in accordance with claim 1, wherein said 2 coating includes at least one of the following additives: 3 4 i) a catalyst; 5 ii) a stabilizer; 6 iii) a pigment; 7 iv) a fire retardant; 8 V) a static electricity reducing additive; 9 vi) an ultraviolet filtering additive; or 10 vii) a thermal cycling additive. 11 1 6. (Previously Presented) The lifting sling in accordance with claim 1, wherein said 2 plurality of core fibers include at least one of the following: 3 4 i) nylon; 5 ii) polyester; 6 iii) a synthetic fiber; 7 iv) polypropylene; 8 v) wire rope; 9 vi) steel core; 10 vii) cordage rope;

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11 viii) yarn; 12 NOMAX; ix) 13 x) KEVLAR; or 14 xi) chain. 15 1 7. (Previously Presented) The lifting sling in accordance with claim 1, wherein said lifting 2 sling further comprising a safety core, said safety core is bonded by said coating 3 proximate to said plurality of core fibers causing said safety core, said coating, and said 4 plurality of core fibers to be subjected to the same operational forces during use of said 5 lifting sling. 6 1 8. (Previously Presented) The lifting sling in accordance with claim 7, wherein said safety 2 core traverses said lifting sling. 3 1 9. (Previously Presented) The lifting sling in accordance with claim 7, wherein said safety 2 core is located, with respect to said plurality of core fibers, in at least one of the following 3 locations: 4 5 i) seam located; 6 ii) perimeter located; or 7 iii) centrally located. 8 1 10. (Previously Presented) The lifting sling in accordance with claim 7, wherein said 2 safety core is interconnected with at least one of the following: 3 4 i) an indicator, or 5 ii) an electronic system.

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6 1 11-15. (Canceled) 2 1 16. (Previously Presented) The lifting sling in accordance with claim 1, wherein said 2 lifting sling further comprising at least one of the following: 3 4 i) an indicator secured proximate to said plurality of core fibers; or 5 ii) an electronic system secured proximate to said plurality of core fibers. 6 1 17. (Previously Presented) The lifting sling in accordance with claim 16, wherein said 2 electronic system further comprising at least one of the following: 3 4 i) a microcontroller; 5 ii) a graphical user interface; 6 iii) a keypad; 7 iv) a touch pad; 8 V) a plurality of general purpose inputs and outputs; 9 vi) a safety core interface: 10 a lifting sling measurement and dynamics interface; vii) 11 viii) an RFID interface; 12 ix) an IRDA interface; 13 a transceiver; X) 14 xi) a wireless data link; 15 xii) a LAN interface; 16 xiii) a WAN interface: 17 a serial data link; xiv) 18 xv) a GPS interface;

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19 xvi) a power supply; 20 xvii) a flash memory: 21 xviii) a read only memory; 22 xix) a real time clock; 23 XX) an EEROM; or 24 xxi) a NOVRAM. 25 1 18. (Previously Presented) The lifting sling in accordance with claim 16, wherein said 2 indicator or said electronic system indicates operational condition of said lifting sling, 3 suitability for use of said lifting sling, or security status of an article secured by said 4 lifting sling. 5 1 19-24 (Canceled) 2 1 25. (Previously Presented) A lifting sling, said lifting sling comprising: 2 3 a plurality of core fibers forming a sling body, said sling body is load bearing; 4 5 a coating, said coating is at least an isocyanate mixed with an amine forming . 6 polyurea, said coating is disposed onto said plurality of core fibers, said coating is 7 applied in patterns of varying thicknesses and locations along length of said sling 8 body, initial layer of said coating seals said plurality of core fibers from exposure 9 to contaminates, additional layers of said coating are applied in areas of said sling 10 body subject to high crush and shear forces increasing said coating thickness and 11 shear strength, preventing said plurality of core fibers and said coating damage 12 during use of said lifting sling, and achieving operational properties that extend suitability for use of said coating and said plurality of core fibers, a final splatter 13

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14 layer of said coating is applied along said sling body creating a rugged textured 15 non-slip grip exterior surface, said coating thicknesses and locations along length 16 of said sling body are selected based in part on operating conditions of said lifting 17 sling; and 18 19 an electronic system secured by said coating proximate to said plurality of core 20 fibers, wherein by way of said electronic system said lifting sling data 21 communicates with a plurality of data processing devices or a plurality of global 22 network based data processing resources. 23 1 26. (Previously Presented) The lifting sling in accordance with claim 25, further 2 comprising a cover, said cover being fitted around said plurality of core fibers, said cover 3 is coated with said coating. 4 1 27. (Previously Presented) The lifting sling in accordance with claim 25, further 2 comprising a cover, said cover being fitted around said plurality of core fibers, said cover 3 is coated and secured into position with said coating. 4 1 28. (Canceled) 2 1 29. (Previously Presented) A lifting sling, said lifting sling comprising: 2 3 a plurality of core fibers forming a sling body, said sling body is load bearing; and 4 5 a coating, said coating material is at least an isocyanate mixed with an amine 6 forming polyurea, said coating is disposed onto said plurality of core fibers, said 7 coating is applied in patterns of varying thicknesses and locations along length of

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8	said sling body,	said sling body, initial layer of said coating seals said plurality of core fibers from	
9	exposure to cont	exposure to contaminates, additional layers of said coating are applied in areas of	
10	said sling body s	said sling body subject to high crush and shear forces increasing said coating	
11	thickness and sh	thickness and shear strength, preventing said plurality of core fibers and said	
12	coating damage	coating damage during use of said lifting sling, and achieving operational	
13	properties that e	properties that extend suitability for use of said coating and said plurality of core	
14	fibers, a final sp	fibers, a final splatter layer of said coating is applied along said sling body	
15	creating a rugge	creating a rugged textured non-slip grip exterior surface, said coating thicknesses	
16	and locations alo	and locations along length of said sling body are selected based in part on	
١7	operating conditions of said lifting sling;		
18			
19	said lifting sling	further comprising at least one of the following:	
20			
21	i) a	n indicator secured by said coating proximate to said plurality of	
22	C	ore fibers; or	
23	ii) a	n electronic system secured by said coating proximate to said	
24	р	lurality of core fibers;	
25			
26	wherein said ind	wherein said indicator or said electronic system indicates operational condition of	
27	said lifting sling	said lifting sling, suitability for use of said lifting sling, or security status of an	
28	article secured b	y said lifting sling.	
29		,	
1	30. (Canceled)		
2			
1	31. (Previously Presented) The lifting sling in accordance with claim 29, wherein said		
2	lifting sling further comprising a safety core, said safety core is bonded by said coating		
3	proximate to said plurality of core fibers causing said safety core, said coating, and said		

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plurality of core fibers to be subjected to the same operational forces during use of said

5 lifting sling. 6 1 32. (Canceled) 2 1 33. (Previously Presented) The lifting sling in accordance with claim 1, further 2 comprising a cover, said cover being fitted around said plurality of core fibers, said cover 3 is coated with said coating. 4 1 34. (Previously Presented) The lifting sling in accordance with claim 1, wherein single-2 core said sling body is formed by full seaming said plurality of core fibers with said 3 coating and multi-core said sling body is formed by partial seaming said plurality of core 4 fibers with said coating. 5 1 35. (Previously Presented) The lifting sling in accordance with claim 25, wherein single-2 core said sling body is formed by full seaming said plurality of core fibers with said 3 coating and multi-core said sling body is formed by partial seaming said plurality of core 4 fibers with said coating.

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36. (Previously Presented) The lifting sling in accordance with claim 29, wherein single core said sling body is formed by full seaming said plurality of core fibers with said

3 coating and multi-core said sling body is formed by partial seaming said plurality of core

4 fibers with said coating,

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37. (Previously Presented) The lifting sling in accordance with claim 1, further

2 comprising a cover, said cover being fitted around said plurality of core fibers, said cover

3 is coated and secured into position with said coating.

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- 1 38. (Previously Presented) The lifting sling in accordance with claim 29, further
- 2 comprising a cover, said cover being fitted around said plurality of core fibers, said cover
- 3 is coated with said coating.

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